

11399000 LAKE ALMANOR AT PRATTVILLE, CALIF.

LOCATION.--Lat 40°12'50", long 121°09'40", in SW¼ sec.11, T.27 N., R.7 E., Plumas County, Plumas National Forest, at outlet tower to No. 2 tunnel on North Fork Feather River at Prattville, 4.7 miles northwest of Lake Almanor Dam, and 5.6 miles northwest of Canyon Dam.

DRAINAGE AREA.--491 sq mi.

PERIOD OF RECORD.--July 1913 to current year. Monthly contents only for some periods, published in WSP 1315-A. Published as "near Prattville" 1937-60. Prior to October 1964, records published as usable contents.

GAGE.--Nonrecording gage monitored once daily. Datum of gage is 10.23 ft below mean sea level (levels by Pacific Gas and Electric Co.). Prior to June 1, 1965, nonrecording gage at site 4.7 miles southeast at same datum.

EXTREMES (at 2400).--Current year: Maximum contents observed, 1,078,000 acre-ft June 28 (gage height, 4,491.58 ft); minimum observed, 700,000 acre-ft Mar. 11 (gage height, 4,476.22 ft).  
Period of record: Maximum contents, 1,078,000 acre-ft June 28, 1971 (gage height, 4,491.58 ft); minimum, 5,230 acre-ft Feb. 5, 1918 (gage height, 4,416.1 ft).

REMARKS.--Lake is formed by earthfill dam; storage began in July 1913; dam raised to gage height 4,455 ft in 1917 and 4,515 ft in 1927. Capacity, 1,036,000 acre-ft between gage heights 4,490 (upper storage limit) and 4,422 ft (bottom of lowest outlet) of which 8,950 acre-ft is not available for release. Water is diverted by tunnel and penstock to Butt Valley Reservoir and powerhouse for use in Caribou powerplants; some water also released down North Fork Feather River (see sta 11399500). Figures given herein represent total contents at 2400 hours. See schematic diagram of North Fork Feather River basin.

COOPERATION.--Record of contents collected by Pacific Gas and Electric Co. under general supervision of the Geological Survey, in connection with a Federal Power Commission project.

REVISIONS.--WSP 1931: Drainage area.

CAPACITY TABLE (GAGE HEIGHT, IN FEET, AND CONTENTS, IN ACRE-FEET)

4,422	8,950	4,432	34,200	4,450	220,800	4,475	672,700
4,424	10,100	4,434	49,500	4,455	294,500	4,480	787,300
4,426	11,300	4,437	74,200	4,460	376,700	4,485	908,500
4,428	13,500	4,440	101,900	4,465	467,000	4,490	1,036,000
4,430	21,200	4,445	156,400	4,470	565,500	4,492	1,089,000

CONTENTS, IN THOUSANDS OF ACRE-FEET, AT 2400, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	864.5	816.9	775.9	761.4	747.7	725.0	764.5	854.6	1,002	1,075	1,039	952.4
2	864.5	813.8	778.5	758.7	747.7	722.5	767.3	858.7	1,007	1,074	1,038	948.8
3	865.3	810.0	781.4	755.6	746.6	719.5	769.6	863.1	1,010	1,072	1,036	945.8
4	866.2	809.3	782.5	753.1	746.4	717.2	772.2	867.5	1,015	1,071	1,034	942.8
5	865.8	808.8	780.2	750.3	744.7	714.5	775.2	872.4	1,019	1,070	1,032	940.2
6	864.3	808.4	785.4	747.3	743.4	711.5	777.6	876.8	1,022	1,069	1,028	939.2
7	862.8	806.0	787.7	744.3	741.7	709.5	779.9	882.2	1,026	1,066	1,027	938.7
8	862.1	803.8	789.6	741.7	739.9	707.9	782.8	887.8	1,030	1,063	1,024	937.7
9	861.1	804.3	792.2	738.3	737.1	705.2	786.1	893.0	1,034	1,060	1,021	936.5
10	862.1	805.0	795.0	736.0	734.8	702.7	789.4	898.2	1,038	1,058	1,019	933.4
11	862.8	805.5	797.2	734.4	731.8	700.0	791.7	904.2	1,041	1,056	1,016	933.2
12	862.1	803.8	796.7	736.7	731.4	706.1	794.8	909.7	1,045	1,053	1,013	934.7
13	860.9	801.2	794.8	736.0	733.5	707.9	797.7	915.4	1,048	1,051	1,010	935.2
14	859.9	798.6	792.0	734.6	735.5	709.9	800.7	920.6	1,051	1,048	1,007	934.7
15	858.7	795.5	790.6	733.0	736.9	711.7	803.6	926.4	1,054	1,046	1,004	932.9
16	857.7	793.2	792.9	732.3	738.3	714.5	808.1	931.2	1,057	1,044	1,001	930.2
17	856.7	788.0	793.2	734.6	738.3	716.1	812.2	935.2	1,059	1,046	998.2	925.6
18	856.3	788.0	792.0	736.7	739.7	717.0	815.3	939.0	1,061	1,048	995.6	922.4
19	853.3	784.9	789.6	739.4	739.2	718.3	818.1	943.3	1,064	1,048	992.0	919.1
20	851.6	782.1	788.2	741.7	738.3	720.2	822.0	947.8	1,067	1,046	989.2	916.1
21	848.7	779.0	785.8	744.3	736.9	722.0	825.1	951.3	1,069	1,045	986.1	912.9
22	846.1	777.1	783.2	746.6	735.5	722.2	828.9	954.6	1,068	1,043	983.0	909.7
23	844.9	778.8	780.4	748.4	733.9	725.9	832.3	958.5	1,068	1,044	980.2	906.4
24	841.5	771.7	777.4	750.8	732.5	726.8	835.0	962.8	1,067	1,046	977.3	903.4
25	838.6	770.6	774.5	752.6	730.9	735.8	837.4	966.9	1,067	1,047	974.5	900.2
26	835.7	768.0	771.7	753.1	729.1	742.7	839.5	972.7	1,073	1,045	972.0	898.2
27	832.3	768.0	769.4	752.8	727.9	746.6	842.4	977.8	1,075	1,043	968.9	895.3
28	828.9	768.7	767.3	751.5	726.6	750.5	845.3	982.7	1,078	1,040	965.3	891.8
29	826.1	769.6	764.7	750.1	-----	754.2	848.2	987.6	1,077	1,039	962.3	889.8
30	822.9	771.7	761.7	748.7	-----	758.0	851.2	992.5	1,076	1,039	958.2	886.9
31	820.1	-----	759.4	748.9	-----	761.2	-----	997.9	-----	1,039	955.4	-----
MAX	866.2	816.9	797.2	761.4	747.7	761.2	851.2	997.9	1,078	1,075	1,039	952.4
MIN	820.1	768.0	759.4	732.3	726.6	700.0	764.5	854.6	1,002	1,039	955.4	886.9
(a)	4,481.38	4,479.34	4,478.81	4,478.36	4,477.39	4,478.89	4,482.67	4,488.53	4,491.50	4,490.10	4,486.87	4,484.13
(b)	-44,700	-48,400	-12,300	-10,500	-22,300	+34,600	+90,000	+146,700	+78,100	-37,000	-83,600	-68,500

CAL YR 1970 b +69,500  
WTR YR 1971 b +22,100

a Elevation, in feet, at end of month.  
b Change in contents, in acre-feet.